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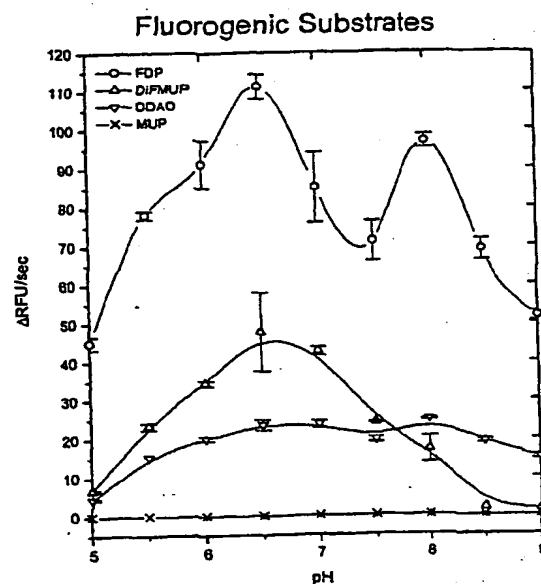
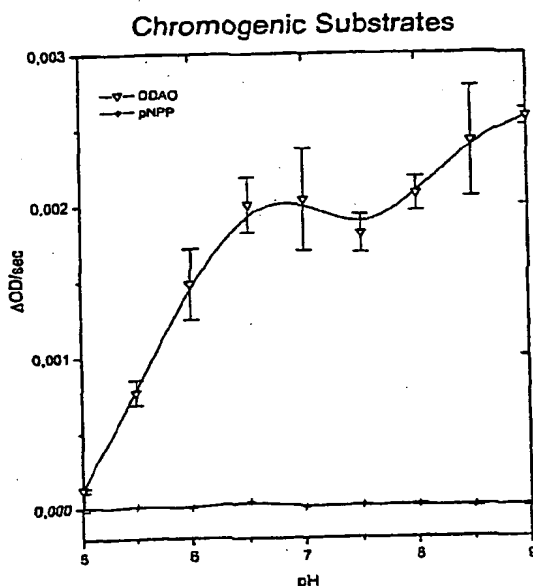


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(57) Abstract: The present invention relates to the use of compounds and to methods for the qualitative and/or quantitative determination of the activity of phosphoamidases or protein phosphoamidases specific for hydrolyzing phosphoamide (P-N) bonds. N-phosphorylated basic amino acids like phospholysine, phosphoarginine and phosphohistidine.